

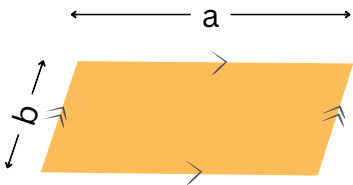
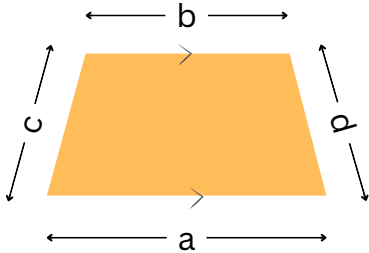


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# Perimeter & Quadrilaterals

**Reference guide: A chart of quadrilaterals and their formulas**



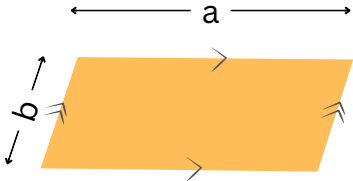
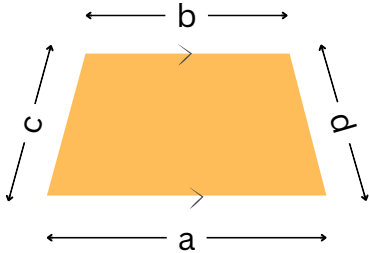
Shape	Name of Quadrilateral	Formula
 <p>A square with side length labeled 's'.</p>	Square	$P = (s + s + s + s)$ or $P = (4 \times s)$
 <p>A rectangle with length labeled 'l' and width labeled 'w'.</p>	Rectangle	$P = 2 (l + w)$
 <p>A parallelogram with base labeled 'a' and side labeled 'b'.</p>	Parallelogram	$P = 2 (a + b)$
 <p>A trapezoid with parallel bases labeled 'a' and 'b', and slanted sides labeled 'c' and 'd'.</p>	Trapezoid	$P = (a + b + c + d)$

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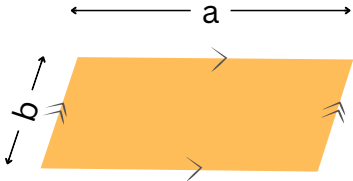
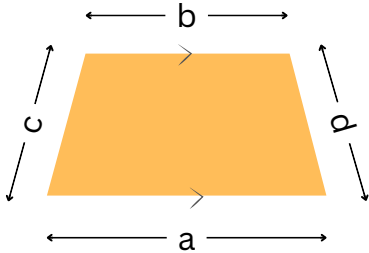
# Perimeter & Quadrilaterals

**Directions:** Use the measurements to find the perimeter for each quadrilateral given. Remember to include the units of measurement in your answer.

Shape	Measurements	Answer
 A square with side length $s$ .	$s = 6.5$ inches	
 A rectangle with length $l$ and width $w$ .	$l = 8.5$ inches $w = 4.4$ inches	
 A parallelogram with side lengths $a$ and $b$ .	$a = 9.2$ inches $b = 4.6$ inches	
 A trapezoid with side lengths $a$ , $b$ , $c$ , and $d$ .	$a = 7.1$ inches $b = 5.3$ inches $c = 4.2$ inches $d = 4.2$ inches	

# Perimeter & Quadrilaterals

**Directions:** Use the measurements to find the perimeter for each quadrilateral given. Remember to include the units of measurement in your answer.

Shape	Measurements	Answer
 <p>A square with side length <math>s</math>.</p>	$s = 6.5$ inches	$P = 4 \times 6.5$ $P = 26$ inches
 <p>A rectangle with length <math>l</math> and width <math>w</math>.</p>	$l = 8.5$ inches $w = 4.4$ inches	$P = 2 ( 8.5 + 4.4 )$ $P = 25.8$ inches
 <p>A parallelogram with base <math>a</math> and side <math>b</math>.</p>	$a = 9.2$ inches $b = 4.6$ inches	$P = 2 ( 9.2 + 4.6 )$ $P = 27.6$ inches
 <p>A trapezoid with parallel bases <math>a</math> and <math>b</math>, and slanted sides <math>c</math> and <math>d</math>.</p>	$a = 7.1$ inches $b = 5.3$ inches $c = 4.2$ inches $d = 4.2$ inches	$P = ( 7.1 + 5.3 + 4.2 + 4.2 )$ $P = 20.8$ inches